

Claim Listing

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A system for sanitizing a shopping cart, comprising:
 - a fluid delivery source for providing a fluid;
 - a plurality of nozzles for receiving said fluid and ejecting said fluid, said plurality of nozzles being positioned in multiple sets of a plurality of nozzles, where each set the plurality of nozzles is directed to provide said fluid to the centermost area of an enclosure;
 - a conveyor belt system for conveying a shopping cart from a first end of the enclosure to a second end of said enclosure, said conveyor belt system comprising a conveyor belt in communication with a conveyor belt motor for use in moving the conveyor belt, said conveyor belt for transporting the shopping cart thereon;
 - a plurality of sensors for providing a signal indicative of the position of said shopping cart in said enclosure; and
 - a processor controlling said conveyer belt system for receiving said sensor signal and activating said delivery source in accordance with the position of said shopping cart and adjusting the movement of the conveyer belt based on information received from the sensors.
2. (Original) A system according to claim 1, wherein said fluid is at least one of a sanitizing fluid, washing fluid, rinsing fluid and air.

3. (Original) A system according to claim 2, wherein said fluid is a disinfecting agent for neutralizing the harmful affects of contaminants.
4. (Original) A system according to claim 3, wherein said processor receives said sensor signal and activates said conveyor belt motor in accordance with the position of said shopping cart.
5. (Original) A system according to claim 4, wherein said sets of a plurality of nozzles are organized in stages, wherein at least one of said stages is for disinfecting a surface of said shopping cart.
6. (Original) A system according to claim 4, wherein said sets of a plurality of nozzles are organized in stages, wherein at least one of said stages is for washing a surface of said shopping cart.
7. (Original) A system according to claim 4, wherein said sets of a plurality of nozzles are organized in stages, wherein at least one of said stages is for drying a surface of said shopping cart.
8. (Original) A system according to claim 4, wherein said sets of a plurality of nozzles are organized in stages, and wherein each stage comprises a stage fluid delivery source.

9. (Original) A system according to claim 8, wherein at least one of said plurality of sensors provides a signal to said processor indicative of the position of said shopping cart in said enclosure, said processor thereby activating the operation of at least one of said stages fluid delivery sources in accordance with said shopping cart position.

10. (Original) A system according to claim 9, wherein said at least one of said plurality of sensors provides a signal to said processor indicative of the position of said shopping cart in said enclosure, said processor providing a signal to said motor for operating said conveyor belt in accordance with said shopping cart position.

11. (Original) A system according to claim 1, wherein said conveyor belt further includes radially positioned ribs, said ribs being of a sufficient length to contact said shopping cart in said enclosure, said ribs being comprised of a rigid material.

12. (Original) A system according to claim 1, further including a heating apparatus for heating said fluid.

13. (Original) A system according to claim 1, further including a heating apparatus for heating the ambient temperature of said enclosure.

14.-20 (Cancelled)